

Kansas Administrative Regulations

Kansas Department of Agriculture

Article 4.—Commercial Fertilizers

4-4-935. Drainage from contained areas within secondary containment.

(a) Earthen or prefabricated containment area. An earthen or prefabricated containment area shall not have a relief outlet and valve. The base shall slope to a collecting spot where storm water can be discharged by pump over the berm for use in the blending process or for proper disposal in accordance with local requirements for disposal of storm water.

(b) Asphalt or concrete lined areas.

(1) An asphalt or concrete lined area shall have a recessed catch drain running through the center of the base or a sump as provided for in K.A.R. 4-4-936.

(2) The catch drain shall be at least six inches deep and 12 inches wide with an open grate cover.

(3) The asphalt or concrete slab located beneath the catch drain shall be at least the same thickness below and to the sides of the drain as the base is throughout the contained area and comply with K.A.R. 4-4-933.

(4) The asphalt or concrete base shall slope to the drain, and the drain shall slope to a discharge valve at the edge of the dike.

(5) The discharge valve shall be closed and secured except when used permitted by K.A.R. 4-4-905.

(6) The discharge valve shall drain to an underground concrete sump. A self-priming recovery pump shall be used to move all materials from the sump to alternate storage. The sump tank shall not be used as a permanent storage container. It shall be pumped periodically to remove any water, fertilizer material or both which it collects.

(7) Precipitation may be used for make-up water in fertilizer mixes or disposed of in accordance with local requirements if it is compatible with fertilizer materials being handled at the storage facility.

(c) Other areas.

(1) Earthen areas which are not lined with asphalt or concrete shall be lined with a synthetic liner approved by the secretary.

(2) Earthen areas lined with a synthetic liner shall be constructed as required in subsections (1) through (7) inclusive of section (b) of this regulation.

(Authorized by and implementing K.S.A. 2-1227; effective Jan. 14, 1991; amended Jan. 25, 1993.)

***** Authenticated Kansas Administrative Regulation *****